



AWWA Free Water Audit Software: System Attributes and Performance Indicators

WAS v5.0

American Water Works Association.
Copyright © 2014, All Rights Reserved.Water Audit Report for: **City of Ukiah (2310003)**Reporting Year: **2017** **1/2017 - 12/2017******* YOUR WATER AUDIT DATA VALIDITY SCORE IS: 65 out of 100 *****

System Attributes:

Apparent Losses:	12.943	MG/Yr	
+	Real Losses:	47.726	MG/Yr
=	Water Losses:	60.670	MG/Yr

? Unavoidable Annual Real Losses (UARL): 32.65 MG/Yr

Annual cost of Apparent Losses: \$51,043

Annual cost of Real Losses: \$16,271 Valued at **Variable Production Cost**

Return to Reporting Worksheet to change this assumption

Performance Indicators:

Financial:	{	Non-revenue water as percent by volume of Water Supplied:	9.2%	
		Non-revenue water as percent by cost of operating system:	2.9%	Real Losses valued at Variable Production Cost

Operational Efficiency:	{	Apparent Losses per service connection per day:	7.42	gallons/connection/day
		Real Losses per service connection per day:	27.36	gallons/connection/day
		Real Losses per length of main per day*:	N/A	
		Real Losses per service connection per day per psi pressure:	0.32	gallons/connection/day/psi

From Above, Real Losses = Current Annual Real Losses (CARL): 47.73 million gallons/year

? Infrastructure Leakage Index (ILI) [CARL/UARL]: 1.46

* This performance indicator applies for systems with a low service connection density of less than 32 service connections/mile of pipeline